

A₁ 5 dimension C is the width of ring 70. The dimension D is the diameter of the blade assembly 54.

Please replace the paragraph beginning at page 4, line 7, with the following:

A₂ Referring now more particularly to FIGS. 1 and 3 of the drawings, a typical prior art fan 10 is illustrated. The fan 10 includes an electric motor housing 11, which contains an electric motor (not shown) of well known type, which may be connected to a source of electrical power (not shown). The fan motor has an output shaft 12 with a hub 14 of blade assembly 15 attached thereto, with three blades 16 being shown.

IN THE CLAIMS:

Please replace claim 1 with the following claim:

A₃ 1 1. In combination with a fan, which fan has a fan motor, a fan
2 blade assembly attached to and driven by said fan motor, a motor housing
3 containing said motor, a rear grill to which said motor housing is mounted, and a
4 front grill attached to said rear grill, the improvement which comprises,
5 a plurality of spaced radial ribs,
6 said front grill having a center plate to which some of said radial
7 ribs are connected,
8 at least a portion of said radial ribs extending outwardly to a
9 circumferential ring,
10 said circumferential ring having a curved panel extending to a rim
11 and an inclined panel to which said ribs are connected,

12 said circumferential ring having dimensions based on a fan blade
13 diameter D, with a dimension A of said ring being a distance from a tip of said
14 fan blade assembly to an inside diameter of said ring, a dimension B being a
15 depth of said ring, and a dimension C being a width of said ring,

16 said dimension A being up to about 40% of said fan blade diameter
17 D, said dimension B being between about 0.60 to 4.5 inches and said dimension
18 C is between about 40 to 200% of said dimension B, and

19 wherein said front grill provides a diffuse airflow from said fan.

Please add the following new claims:

1 4. A fan according to claim 1, wherein said front grill provides
2 an increased air volume over a predetermined area.

1 5. A fan according to claim 4, wherein said fan is an oscillating
2 fan.

1 6. A fan according to claim 5, wherein said motor housing is
2 external to said rear grill.

1 7. A fan according to claim 1, wherein said front grill dampens
2 vibrations of said fan based on a mass of said front grill.

1 8. A fan according to claim 1, wherein an inside edge of said
2 circumferential ring overlays a portion of said fan blade by said dimension A.

1 9. A fan according to claim 1, wherein an inside edge of said
2 circumferential ring establishes a clearance from said fan blade tip by said
3 dimension A.

1 10. A front grill for use with an oscillating fan having a fan
2 blade assembly, said front grill comprising:

3 a circumferential ring at an outer periphery of said front grill, said
4 circumferential ring having an inside edge spaced away from a tip of said fan
5 blade assembly by a predetermined distance based on a diameter of said fan
6 blade assembly, said front grill providing a diffuse air pattern.

1 11. The grill according to claim 10, wherein said predetermined
2 distance is less than about 40% of a diameter of said fan blade assembly, and
3 said circumferential ring further comprising:

4 i) a depth, and

5 ii) a width,

6 wherein said depth is between about 0.60 and 4.50 inches, and said
7 width is between about 40% to 200% of said depth.

1 12. A grill for use with a fan having a motor and a fan blade
2 assembly, said grill comprising:

3 a circumferential ring at an outer periphery of said grill, said
4 circumferential ring having:

5 i) an inside edge spaced away from a tip of said fan blade
6 assembly by a predetermined distance, where said
7 predetermined distance is less than about 40% of a diameter
8 of said fan blade assembly,

9 ii) a depth, and

10 iii) a width,

11 wherein said depth is between about 0.60 and 4.50 inches, said
12 width is between about 40% to 200% of said depth, and said inside edge of said
13 circumferential ring overlays a portion of said fan blade assembly by said
14 predetermined distance and wherein said grill provides a diffuse airflow from
15 said fan.

1 13. A grill according to claim 12, wherein said grill provides an
2 increased air volume over a predetermined area.

1 14. A grill according to claim 12, wherein said fan is an
2 oscillating fan.

1 15. A grill according to claim 12, wherein said fan is a table
2 mounted fan.

1 16. A grill according to claim 12, wherein said fan is a floor
2 mounted fan.

1 17. A grill according to claim 12, wherein said grill dampens
2 vibrations of said fan based on a mass of said grill.

1 18. A grill according to claim 12, further comprising a plurality
2 of attaching means for coupling said grill to a portion of said fan.

1 19. A grill according to claim 18, wherein said attaching means
2 is a plurality of slots formed in said circumferential ring.

1 20. A grill according to claim 12, wherein said grill is mounted
2 on a front portion of said fan such that air circulated by said fan blade exits
3 through said grill.

1 21. A grill according to claim 12, wherein said grill is a
2 plurality of grills, a first one of said plurality of grills mounted on said fan motor
3 on a front portion thereof, such that air circulated by said fan blade enters
4 through said first grill, and a second one of said plurality of grills mounted on a
5 front portion of said first grill such that air circulated by said fan blade exits
6 through said second grill.

1 22. A grill according to claim 12, further comprising a rear grill
2 coupled to said grill and wherein said motor is mounted external to said rear
3 grill.

1 23. An oscillating fan having a rear grill, a front grill attached to
2 said rear grill, a fan motor external to said rear grill, to which said rear grill is
3 mounted, a fan blade assembly attached to and driven by said fan motor, said
4 front grill comprising:

5 a circumferential ring at an outer periphery of said front grill, said
6 circumferential ring having dimensions based on the fan blade assembly having a
7 diameter of about 16 inches:

8 i) an inside edge spaced away from a tip of said fan blade assembly
9 by about 0.170 inches, establishing a clearance between said fan
10 blade assembly tip and said inside edge of said circumferential
11 ring,

12 ii) a depth of about 1.41 inches, and

13 iii) a width of about 0.95 inches,

14 wherein said front grill provides a diffuse airflow from said fan.

1 24. A grill according to claim 23, wherein said fan is a table
2 mounted fan.

1 25. A grill according to claim 23, wherein said fan is a floor
2 mounted fan.

1 26. A grill for use with a fan having a motor and a fan blade
2 assembly, said grill comprising:

3 a circumferential ring at an outer periphery of said grill, said
4 circumferential ring having:

5 i) an inside edge spaced away from a tip of said fan blade assembly
6 by a predetermined distance, where said predetermined distance is less than
7 about 40% of a diameter of said fan blade assembly,

8 ii) a depth, and

9 iii) a width,

10 wherein said depth is between about 0.60 and 4.50 inches, said
11 width is between about 40% to 200% of said depth, and said inside edge of said
12 circumferential ring one of i) overlays a portion of said fan blade assembly by
13 said predetermined distance and ii) establishes a clearance from said fan blade
14 assembly tip by said predetermined distance and wherein said grill provides a
15 diffuse airflow from said fan.

1 27. A grill according to claim 26, wherein said grill provides an
2 increased air volume over a predetermined area.

1 28. A grill according to claim 26, wherein said fan is an
2 oscillating fan.

1 29. A grill according to claim 26, wherein said fan is a table
2 mounted fan.

1 30. A grill according to claim 26, wherein said fan is a floor
2 mounted fan.

1 31. A grill according to claim 26, wherein said grill dampens
2 vibrations of said fan based on a mass of said grill.

1 32. A grill according to claim 26, further comprising a plurality
2 of attaching means for coupling said grill to a portion of said fan.

1 33. A grill according to claim 32, wherein said attaching means
2 is a plurality of slots formed in said circumferential ring.

1 34. A grill according to claim 26, wherein said grill is mounted
2 on a front portion of said fan such that air circulated by said fan blade exits
3 through said grill.

1 35. A grill according to claim 26, wherein said grill is a
2 plurality of grills, a first one of said plurality of grills mounted on said fan motor
3 on a front portion thereof, such that air circulated by said fan blade enters
4 through said first grill, and a second one of said plurality of grills mounted on a
5 front portion of said first grill such that air circulated by said fan blade exits
6 through said second grill.

1 36. A grill according to claim 26, further comprising a rear grill
2 coupled to said grill and wherein said motor is mounted external to said rear
3 grill.
